Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Algebra Maintenance #2 Due **Monday Oct. 31, 2016**

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| --- | --- | --- | --- |
| Solve the inequality | Many,none,one | Solve for x | Write the equation for a line where: |
| 2x-6 < 12 | 5x+1< 5x-1 | 1/2x +2 = 5x-1 | Slope = -2  Y intercept = 3 |
| -2+5y > 12 | 3(x+2) > 3x+6 | 3x+4 = -2(2x+2) | M =-3/4  Figure zero = 12 |
| -6x +2 < x +1 | x-1+2 < x-4 | -16 +x = -2(3x-2) | Growth factor = 5  B= -2 |
| 3x -2x +1 < -4x +5 | 5x+15 > 2x+3x +20-5 | -(4x-1)= -2x +3 | Slope =4 |
| 12x – 6 > x+3-4 | 2x+2 > 2x+6 | 3(x+2) –x = 3x +2+2x | M= -2/3  B= -2/3 |